

CLAIMS

What is claimed is:

- 5 1. A method of arranging data transmission in a packet radio system comprising at least one mobile termination part, a terminal equipment part functionally connected thereto, and a packet radio network, the method comprising the steps of:
 - 10 activating a first packet data protocol context between said packet radio network and mobile termination part for reception and transmission of packet-switched data,
 - activating a second packet data protocol context between the packet radio network and the mobile termination part for a dial-up connection,
 - deactivating said first context in response to said second context
 - 15 being activated,
 - deactivating said second context in response to the dial-up connection being released, and
 - activating a third packet data protocol context, substantially conforming to said first context, in response to said second context being deactivated.
 - 20
2. A method as claimed in claim 1, wherein said first context is activated to the packet radio network when the mobile termination part is attached to the packet radio network in accordance with default parameters stored in
- 25 advance in the mobile termination part, and
 - said third context is activated in accordance with the same default parameters.
3. A method as claimed in claim 1, wherein
- 30 the terminal equipment part and the mobile termination part are physically in different devices, the data of the applications comprised by which can be transmitted via the packet radio network, and
 - said first and said third context are activated for transmission of data of an application comprised by the mobile termination part.

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4. A method as claimed in claim 1, wherein
the terminal equipment part and a packet network gateway support
node (GGSN) support a PPP protocol (Point to Point Protocol), whereby
said second context is activated for setting up a dial-up connection
5 between the mobile termination part and the GGSN,
a PPP link is set up between the terminal equipment part and the
GGSN, and
data associated with an application comprised by the terminal
equipment part is transmitted by means of the PPP link and said second con-
10 text.

5. A method as claimed in claim 1, wherein the terminal equipment
part and the mobile termination part support a PPP protocol,
a PPP link is set up between the terminal equipment part and the
15 mobile termination part, and
said second context is activated for data to be transmitted via the
PPP link.

6. A method as claimed in claim 1, wherein
20 the packet radio system is GPRS.

7. A mobile station comprising a terminal equipment part and a mo-
bile termination part comprising a context management entity for activating
and deactivating one or more packet data protocol contexts, wherein said
25 context management entity is arranged to:
activate a second packet data protocol context between a packet
radio network and the mobile termination part for a dial-up connection of the
terminal equipment part,
deactivate the active first packet data protocol context in response
30 to said second context being activated,
deactivate said second context in response to the dial-up connec-
tion being released, and
activate a third packet data protocol context, substantially con-
forming to said first context, in response to said second context being deacti-
35 vated.

8. A mobile station as claimed in claim 7, wherein said context management entity is arranged to:

activate said first context in accordance with default parameters stored in advance in the mobile termination part, and

5 activate said third context in accordance with the same default parameters.

9. A mobile station as claimed in claim 7, wherein

the terminal equipment part and the mobile termination part are physically in different devices, the data of the applications comprised by which
10 can be transmitted via the packet radio network,

said context management entity is arranged to activate said second context at the request of the terminal equipment part, and

said context management entity is arranged to activate said first and said third context for the transmission of data of an application comprised
15 by the mobile termination part.

10. A mobile station as claimed in claim 7, wherein

said second context is activated for transmission of data of the dial-up connection between the terminal equipment part and the mobile termination part or for setting up a dial-up connection between the terminal equipment part and a gateway support node in the packet radio network.
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11. A mobile station as claimed in claim 7, wherein
the mobile station is a GPRS mobile station.

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12. A wireless telecommunication system comprising at least one mobile termination part, a terminal equipment part functionally connected thereto, and a packet radio network, wherein

a first packet data protocol context is arranged between the packet radio network and the mobile termination part for reception and transmission of packet-switched data,
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the mobile station and the packet radio network are arranged to activate a second packet data protocol context for a dial-up connection between the packet radio network and the mobile termination part,

35 the mobile station and the packet radio network are arranged to deactivate said first context in response to said second context being activated,

the mobile station and the packet radio network are arranged to deactivate said second context in response to the dial-up connection being released,

- 5 the mobile station and the packet radio network are arranged to activate a third packet data protocol context, substantially conforming to the first context, in response to said second context being deactivated.